

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051465

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11C29/00 G06F12/08 G06F12/10 G06F11/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11C G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 4 905 141 A (BRENZA JAMES G) 27 February 1990 (1990-02-27) column 17, line 51 - column 19, line 33; claim 24; figures 1,13 -----	1,2,8 3-7
X A	US 5 666 482 A (MCCLURE DAVID CHARLES) 9 September 1997 (1997-09-09) column 5, line 57 - column 7, line 4; figures 1-3 -----	1,2,8 3-7
P,X P,A	US 6 671 822 B1 (ASHER DAVID H ET AL) 30 December 2003 (2003-12-30) column 3, lines 24-34 column 6, line 23 - column 7, line 17; figure 2 ----- -/--	1,2,8 3-7



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

7 December 2004

Date of mailing of the international search report

14/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gaertner, W

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051465

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 958 068 A (ARIMILLI RAVI KUMAR ET AL) 28 September 1999 (1999-09-28) abstract column 7, line 44 - column 8, line 18; figure 2</p> <p style="text-align: center;">-----</p>	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051465

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4905141	A	27-02-1990	NONE	
US 5666482	A	09-09-1997	DE 69421379 D1 DE 69421379 T2 EP 0675436 A1 JP 8022417 A	02-12-1999 11-05-2000 04-10-1995 23-01-1996
US 6671822	B1	30-12-2003	US 2004088603 A1	06-05-2004
US 5958068	A	28-09-1999	JP 10301846 A KR 273907 B1	13-11-1998 15-12-2000